

CONVAIR
A Division of General Dynamics Corporation
(San Diego)

DESIGN INFORMATION BULLETIN

CONVAIR REPORT NO. ZM-22-005

MODEL 22 AIRPLANE

RECEIVED

NOV 29 '57

ENG'R.
PRE-DESIGN

NO: 14007

PAGE: 1 of 1

DATE: 22 November 1957

WEIGHT DATA REQUIREMENTS FOR FLIGHT TEST AIRPLANES

1. In the interest of saving man hours the following procedure will be followed in regards to instrumentation installations:
- (a) The weight of Instrumentation Installations shall not be computed.
 - (b) Flight Test will estimate the weight of instrumentation as necessary for structural requirements.
 - (c) The Weights Group will weigh the airplane prior to the first flight with instrumentation installed. The ballast required to obtain the correct gross weight and C.G. position will be determined from this weighing.
 - (d) It will be the responsibility of the Flight Test Group to maintain weight and balance data due to removal or addition of instrumentation and equipment from the time of weighing to the completion of the Flight Test Program.
2. It must be noted that the above procedure will make it impossible for the Weights Group to determine the weight and C.G. of a production airplane from the weighing of a flight test article.

Contractual overweight or underweight and balance data will be obtained when the first completed production airplane is weighed.

Prepared by:

E. Hamilton
E. Hamilton - Weights

Approved by:

R. L. Benson
R. L. Benson - Chief of Weights

Approved by:

G. G. Green
G. G. Green - Chief Structures Engineer

Approved by:

G. E. Putness
G. E. Putness - Chief of
Engineering Flight Test

Approved by:

A. J. Savard
A. J. Savard - Project Engineer